

VENICE

porcelain stoneware



COBSA USA

NEW YORK | NEW JERSEY | MIAMI

BEIGE

Venice



ELEVNBE24
ELEVNBE24L

SPECIAL ORDER ITEMS

ELEVNBE2448
ELEVNBE2448L



MATTE + POLISHED

> 24x24 <



MATTE + POLISHED

> 24x48 <

ELEVNBE1224
ELEVNBE1224L



MATTE + POLISHED

> 12x24 <

ELEVNBEMOSROCK
ELEVNBEMOSROCKL



> rocks mosaic <
MATTE + POLISHED

ELEVNBEMOS22



> 2x2 mosaic <
MATTE

ELEVNBEEN324
ELEVNBEEN324L



MATTE + POLISHED > 3x24 bullnose <

Venice

GREY



ELEVNGR2448
ELEVNGR2448L

SPECIAL ORDER ITEMS ELEVNGR24
ELEVNGR24L



MATTE + POLISHED

> 24x48 <



MATTE + POLISHED

> 24x24 <

ELEVNGRBN324
ELEVNGRBN324L



MATTE + POLISHED > 3x24 bullnose <

ELEVNGRMOS22



> 2x2 mosaic <
MATTE

ELEVNGRMOSROCK
ELEVNGRMOSROCKL



> rocks mosaic <
MATTE + POLISHED

ELEVNGRI224
ELEVNGRI224L



MATTE + POLISHED

> 12x24 <

IVORY

Venice



ELEVNIV24
ELEVNIV24L

SPECIAL ORDER ITEMS



MATTE + POLISHED

> 24x24 <

ELEVNIV2448
ELEVNIV2448L



MATTE + POLISHED

> 24x48 <

ELEVNIV1224
ELEVNIV1224L



MATTE + POLISHED

> 12x24 <

ELEVNIVMOSROCK
ELEVNIVMOSROCKL



> rocks mosaic <
MATTE + POLISHED

ELEVNIVMOS22



> 2x2 mosaic <
MATTE

ELEVNIVBN324
ELEVNIVBN324L



MATTE + POLISHED > 3x24 bullnose <

Venice

PEARL



ELEVNPE2448
ELEVNPE2448L



MATTE + POLISHED

> 24x48 <

SPECIAL ORDER ITEMS ELEVNPE24
ELEVNPE24L



MATTE + POLISHED

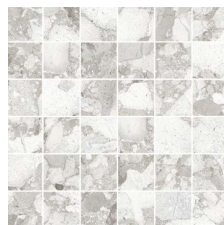
> 24x24 <

ELEVNPEBN324
ELEVNPEBN324L



MATTE + POLISHED > 3x24 bullnose <

ELEVNPEMOS22



> 2x2 mosaic <
MATTE

ELEVNPEMOSROCK
ELEVNPEMOSROCKL



> rocks mosaic <
MATTE + POLISHED

ELEVNPEI224
ELEVNPEI224L



MATTE + POLISHED

> 12x24 <



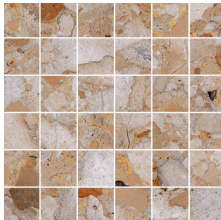
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POLISHED

> 24x48 <

ELEVNGOMOS22



> 2x2 mosaic <
MATTE

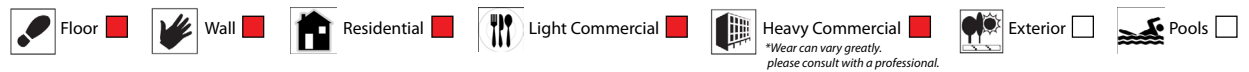
ELEVNGOBN324L



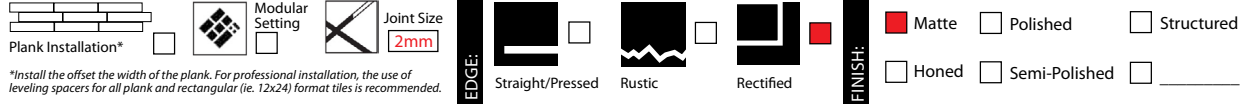
POLISHED

> 3x24 bullnose <

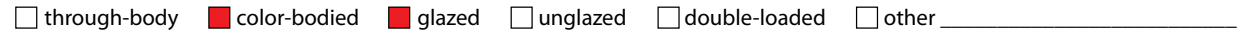
Suggested Applications



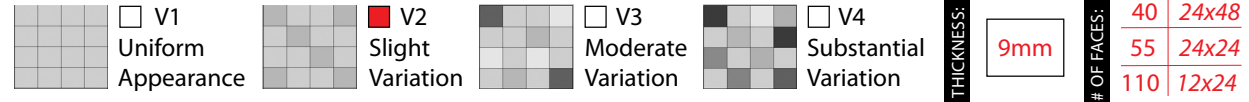
Installation Suggestions



Porcelain Type



Shade Variation



Slip Resistance

DCOF	Values	Applications
>0.42	0.42	Recommended Standard DCOF value for wet/dry commercial flooring
	0.65	Recommended Standard DCOF value for ADA ramps

DIN 51130 *R9: Industry Standard/ADA Requirements **R11: Recommended For Exteriors

R9* (3-10°) R10 (10-19°) R11** (19-27°)
 R12 (27-35°) R13 (>35°)

DIN 51097

Class	Typical Applications	Critical Angle
<input checked="" type="checkbox"/> A	Barefoot, but mainly dry aisles and walkways, dry changing areas	≥12°
<input checked="" type="checkbox"/> B	Shower rooms, pool surrounds, wet changing areas, disinfectant spray areas (plus all Class A areas)	≥18°
<input type="checkbox"/> C	Areas constantly under water, e.g. steps into pools, foot baths, included pool surrounds, jacuzzis (plus all Class A&B areas)	≥24°

ASTM C-1028
ANSI A137.1
DIN 51097/51130

Scratch Resistance

MINERAL

1. Talc (Talc)	6. Microline (Glass, Glazed Tile)
2. Gypsum (Fingernail)	7. Quartz (Unglazed Porcelain)
3. Calcite (Penny)	8. Topaz (Granite)
4. Flourite (Some Marbles)	9. Corundum (Ruby)
5. Apatite (Knife Blade)	10. Diamond (Diamond)

Industry standard ≤175mm²

Wear Resistance

PEI RATING
UNI EN ISO
10545.7

- Class 1: Walls only
 - Class 2: Residential floors w/minimal abrasive traffic
 - Class 3: Residential interiors/light commercial traffic
 - Class 4: Medium commercial applications
 - Class 5: All commercial applications/heavy traffic
- *Wear can vary greatly. please consult with a professional.*

Stain Resistance

ASTM C1378-04
UNI EN ISO
10545.14 **3, 4, 5**

- 5: Removed after 5 minutes (hot water running)
- 4: Removed by manual cleaning (weak detergent)
- 3: Removed by mechanical cleaning (strong detergent)
- 2: Removed by immersion (24 hrs in suitable solvent)
- 1: Stain not removed

Water Absorption

ASTM C-373
UNI EN ISO
10545.3

	<input checked="" type="checkbox"/> Absorbs 0-.5%		<input type="checkbox"/> Absorbs .5-3%		<input type="checkbox"/> Absorbs 3-7%		<input type="checkbox"/> Absorbs 7% +
	Impervious Interior/Exterior Frost Resistant		Vitreous Interior/Exterior Frost Resistant		Semi-Vitreous Indoor Use Only		Non-Vitreous Indoor Use Only

Breaking Strength

ASTM C648
UNI EN ISO
10545.4 **>45 N/MM₂**



Facial Dimension

ASTM c499-09
UNI EN ISO
10545.02

	Standard	Tolerance	Result
flatness	± 5mm	± .5%	PASS
thickness	± 6mm	± .5%	PASS
straightness	± 4.5mm	± .5%	PASS
squareness	± 5.4mm	± .6%	PASS
sides L/W	± 1.1mm ± 4.5mm	± .5%	PASS

Chemical Resistance

ASTM C650
UNI EN ISO
10545.13

Allowances for:

	result
Acid	PASS
Bases	PASS
Chemicals	PASS

Leed Information



REQUIREMENTS FOR COMMERCIAL INTERIORS/NEW CONSTRUCTION

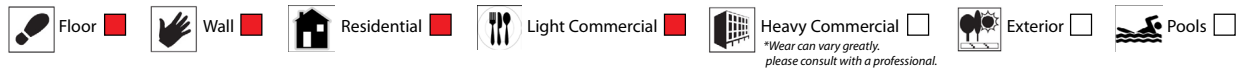
Sustainable Sites Site selection	1 Point	Materials & Resources	1 Point	2 Points
SS CREDIT 1 Heat Island Effect-non roof Material with a solar reflectant index of at least 29.	<input checked="" type="checkbox"/>	M&R CREDIT 2 Construction Waste Management: Recycling salvaged construction waste in to new reusable materials.	50% <input type="checkbox"/>	70% <input checked="" type="checkbox"/>
Energy & Atmosphere EA CREDIT 4 Green Power: Products that optimize energy performance for floors and walls using thermal conductivity. BTU-FT	1 Point	M&R CREDIT 4.1-4.2 Recycled Content: The sum of post consumer plus 1/2 of the pre consumer reps at least 10-20% of total value of materials.	10% <input type="checkbox"/>	20% <input checked="" type="checkbox"/>
Indoor Environmental Quality Low-Emitting Materials-Flooring Systems	1 Point	M&R CREDIT 5 Regional Materials: Materials manufactured within 500 miles of the project site.	10% <input type="checkbox"/>	20% <input type="checkbox"/>
IEQ CREDIT 3.1-7 Green Cleaning: Reducing occupants exposure to hazardous cleaning chemicals.	<input type="checkbox"/>	Innovation in Design	1-5 Points	
IEQ CREDIT 4.1 Low Emitting Adhesives: Products less than 65 G/L VOC	<input type="checkbox"/>	ID CREDIT 1 Innovation in Design Measurable exemplary environmental performance.	<input checked="" type="checkbox"/>	
IEQ CREDIT 4.3 Low Emitting Materials: Flooring systems.	<input checked="" type="checkbox"/>			

Type: **Porcelain Stoneware**

Product Line: **VENICE (matte)**

The marketing name for this product is property of Cobsa-USA. This same product may be marketed under different names.

Suggested Applications



Installation Suggestions

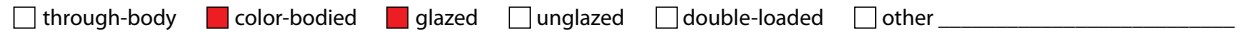
Plank Installation* Modular Setting Joint Size **2mm**

*Install the offset the width of the plank. For professional installation, the use of leveling spacers for all plank and rectangular (ie. 12x24) format tiles is recommended.

EDGE: Straight/Pressed Rustic Rectified

FINISH: Matte Polished Structured
 Honed Semi-Polished _____

Porcelain Type



Shade Variation

V1 Uniform Appearance V2 Slight Variation V3 Moderate Variation V4 Substantial Variation

THICKNESS: **9mm** # OF FACES:

40	24x48
55	24x24
110	12x24

Slip Resistance

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Breaking Strength

ASTM C648
UNI EN ISO 10545.4 **>45 N/MM₂**

Industry standard should be greater than
250 lbs
or
50 N/MM₂

Facial Dimension

ASTM c499-09
UNI EN ISO 10545.02

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Type: **Porcelain Stoneware**

Product Line: **VENICE (polished)**

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